

**REMARKS-General**

1. Applicant acknowledges the allowability of claims 2-20. The newly drafted independent claims 21 and 39 incorporate all structural limitations of the original claim 1 and include further limitations previously brought forth in the original allowable claim 2 and 16, including any intervening claims. No new matter has been included. The newly drafted dependent claims 22-38 are rewritten from the original allowable claims 3-15 and 17-20 respectively. All new claims 21-39 are submitted to be of sufficient clarity and detail to enable a person of average skill in the art to make and use the instant invention, so as to be pursuant to 35 USC 112.

2. The newly drafted claims 33-36 and 39, which are rewritten from the original claims 14-18, are amended to correct the informalities of "said output circuit device" from "said output circuit device" and "said amplifying circuit arrangement" from "said amplifying circuit".

**Response to Rejection of Claims 12 under 35USC112**

3. The applicant submits that the newly drafted claims 31 particularly point out and distinctly claim the subject matter of the instant invention, as pursuant to 35USC112.

**Regarding to Rejection of Claim 1 under 35USC102**

4. The rejected claim 1 is deleted in this application.

**The Cited but Non-Applied References**

5. The cited but not relied upon references have been studied and are greatly appreciated, but are deemed to be less relevant than the relied upon references.

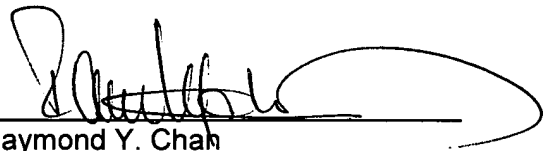
6. In view of the above, it is submitted that the claims are in condition for allowance. Reconsideration and withdrawal of the objection are requested. Allowance of claims 21-39 at an early date is solicited.

**DRAWING AMENDMENTS**

Three new references, amplifying circuits, PNP transistor, and NPN transistor that were described in the original specification, have been amended to Figs. 1 to 3 of the drawings in red ink along with the new element. A drawing amendment approval request form is enclosed herewith, as pursuant to MPEP 608.02(v).

7. Should the Examiner believe that anything further is needed in order to place the application in condition for allowance, he is requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,

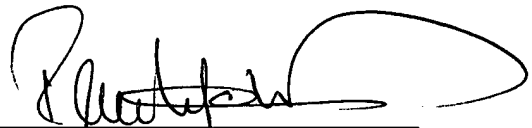


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#### CERTIFICATE OF MAILING

I hereby certify that this corresponding is being deposited with the United States Postal Service by First Class Mail, with sufficient postage, in an envelope addressed to "Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: March 31, 2005

Signature:   
Person Signing: Raymond Y. Chan

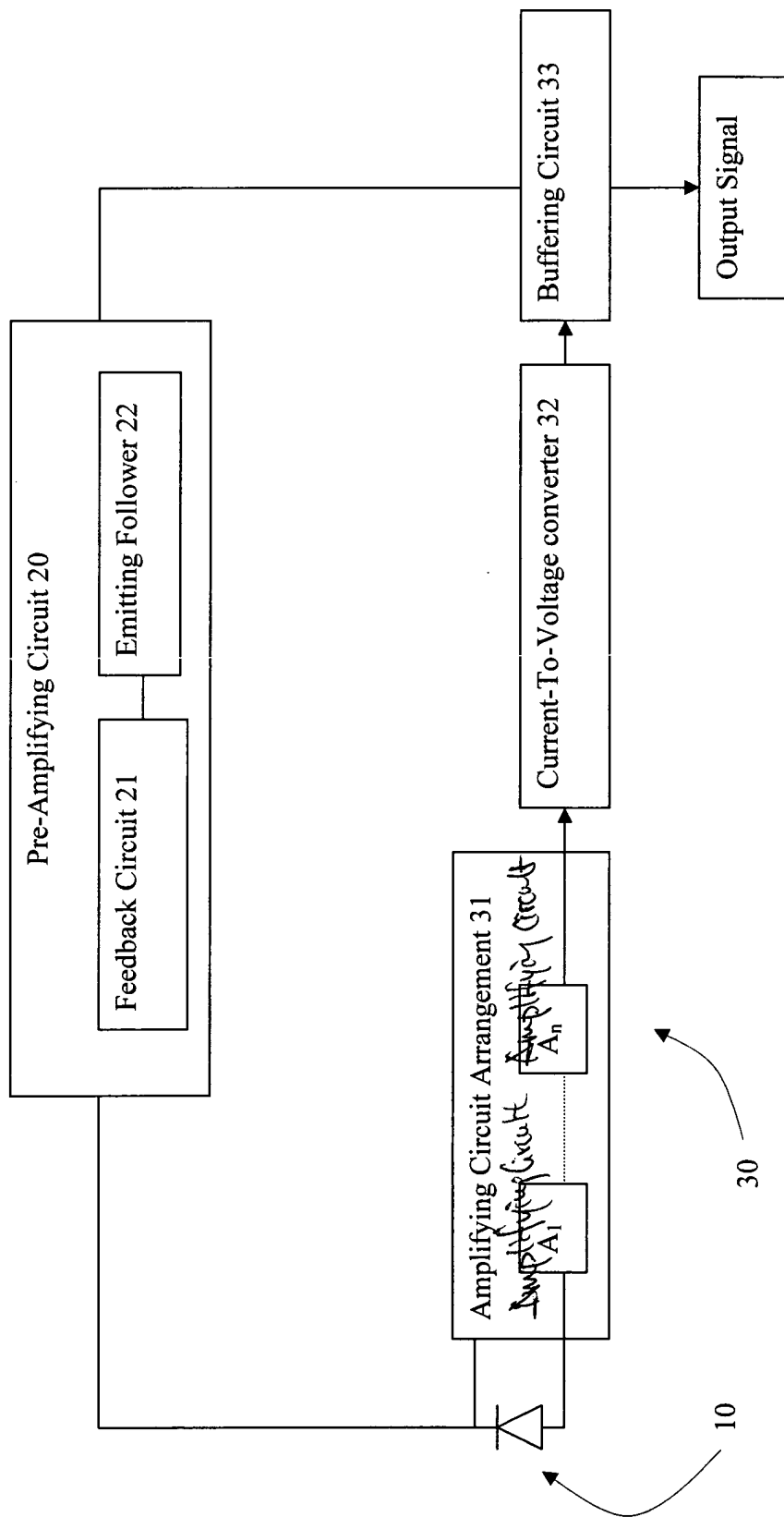
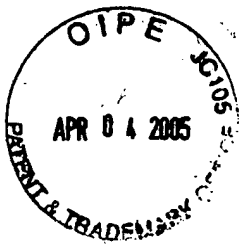


FIG. 1

*Proposed Drawing Correction*

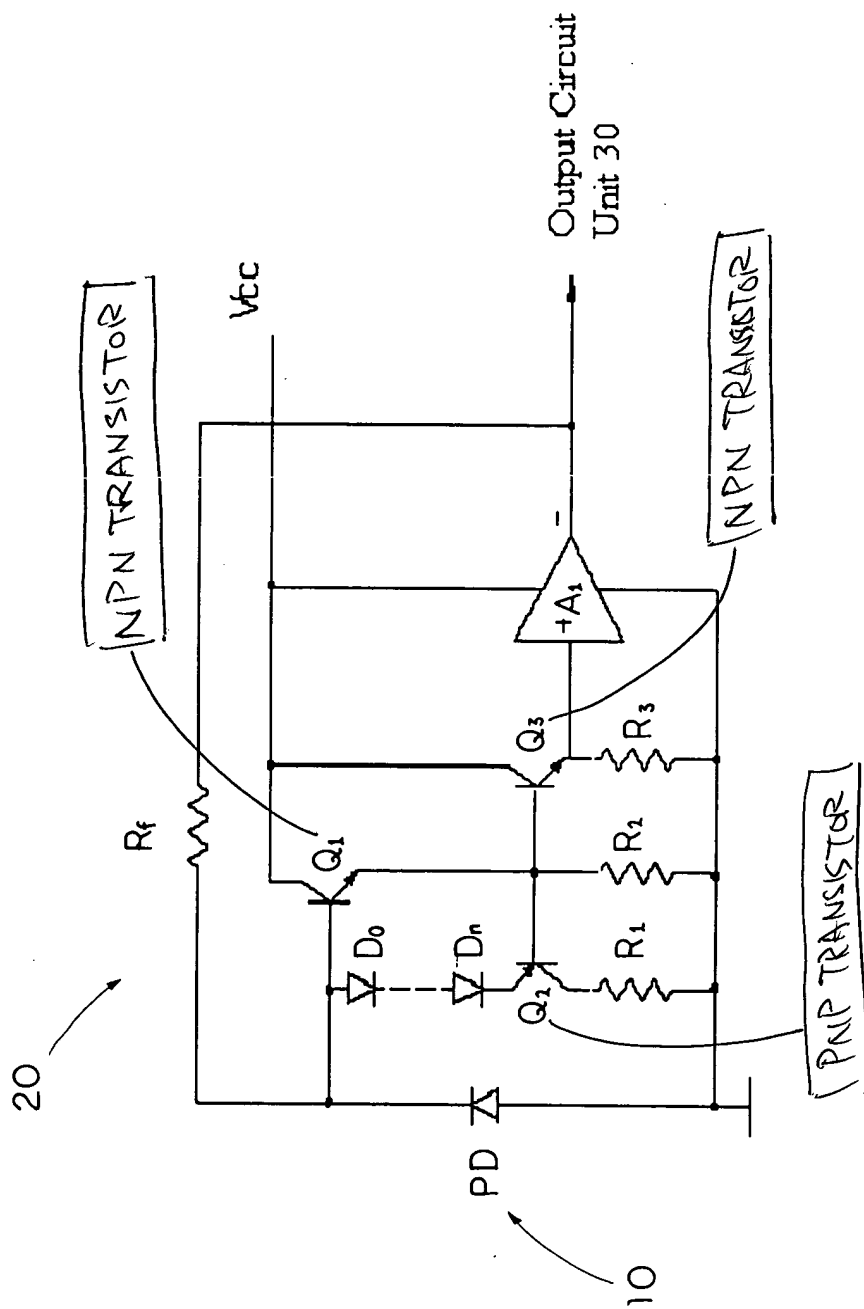


FIG. 2

Proposed Drawing Connection

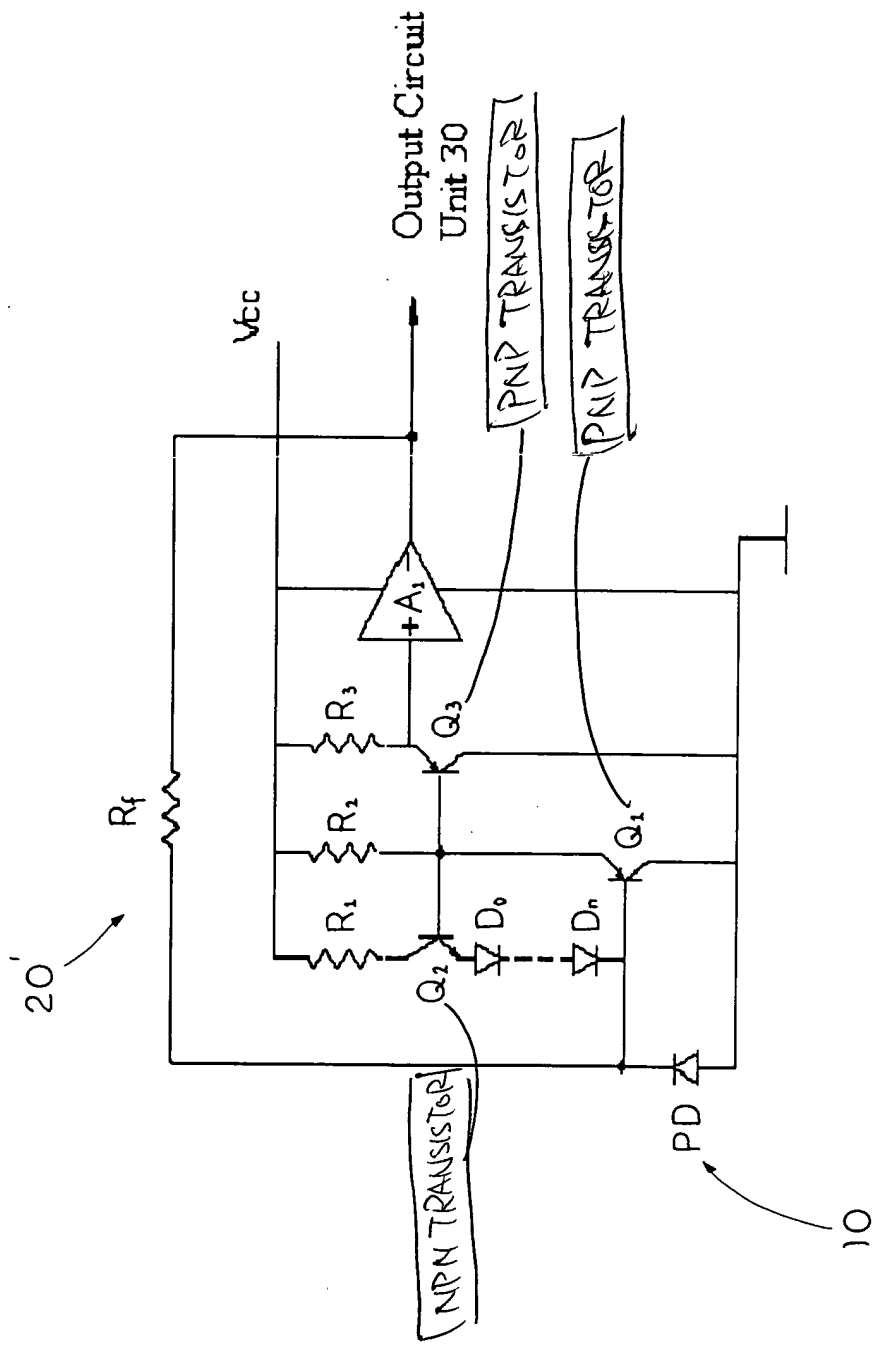


FIG. 3

Proposed Driving Connection